

Curriculum Vitae



Personal information

First name(s) / SURNAME(S)
Current position
Affiliation
Department
Address(es)
Telephone(s)
Fax(es)
E-mail
Date of birth
Gender

Bojana KUZMANOVIĆ

Research assistant

Vinča Institute of Nuclear Sciences, University of Belgrade, Serbia
Laboratory for nuclear and plasma physics
12-14, Mike Petrovića Alasa 11 000 Belgrade, Serbia
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kuzmob@vinca.rs
09.03.1984.
Female

Education

Dates
Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organisation providing education and training
Dates
Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organisation providing education and training

2011
PhD candidate
Structural and electrochemical properties of polyaniline and its composites synthesized in the presence of non-stoichiometric CeO₂-δ
Faculty of Physical Chemistry, University of Belgrade, 12-16, Studentski Trg, 11000 Belgrade, Serbia
2011
Master degree in physical chemistry
Properties of IR CO₂ induced laser plasma on Cu target at various pressures and gas mixture composition
Faculty of Physical Chemistry, University of Belgrade, 12-16, Studentski Trg, 11000 Belgrade, Serbia

Research interests

- ♦ polymeric organic materials
- ♦ synthesis of new materials for application in organic electronics
- ♦ calculations of molecular structures based on a software package HyperChem

Citations/ h-index

12 / h=3

Participation in the national projects

Project title /Dates
Occupation or position held

Optoelectronic nanodimensional systems route towards applications / 2012-
Researcher

Participation in the international projects

Project title /Dates
Occupation or position held
Project title/Dates
Occupation or position held

COST Action CA 18112 - Mechanochemistry for Sustainable Industry/ from 2018 to 2022
Researcher
COST Action CA15102 Solutions for Critical Raw Materials Under Extreme Conditions/ from 2015 to 2019
Researcher

Project title /Dates
Occupation or position held

Bilateral Project Serbia-Montenegro: Development of ecological Li-ion batteries/ from 2018
Researcher

Membership in scientific Committees & Boards

- ◆ Member of the organizing committee of the 3rd International Symposium on Materials for Energy Storage and Conversion - mESC-IS 2018, Belgrade, Serbia (10-12.9.2018)
- ◆ Member of the organizing committee of the Workshop on Application of X-ray absorption/emission spectroscopies to material and surface science, 12-14.11.2013. Belgrade, Serbia
- ◆ Member of the program and organizing committee of the conference Joint Meeting of the 11th Conference of Young Researchers in the Field of Material Science and the 1st European Early Stage Researchers Conference of Hydrogen Storage, 03-05.12.2012. Belgrade, Serbia

Memberships in scientific and technical societies

- ◆ Member of „Hydrogen storage Initiative Serbia” society
- ◆ Member of CONVINCE centre of excellence

Selected Papers in last 5 years

1. **Bojana Kuzmanović**, Stanko Ostojić, Ivana Radisavljević, Dragica Minić, Nenad Ivanović. **Calculations of oxygen and humidity influence on properties of pernigraniline base polyaniline oligomers**. Synth. Met. 251 (2019) 85-94.
2. **Bojana Kuzmanović**, Milica J. Vujković, Nataša Tomic, Danica Bajuk-Bogdanović, Vladimir Lazović, Biljana Sljukić, Nenad Ivanović, Slavko Mentus. **The influence of oxygen vacancy concentration in nanodispersed nonstoichiometric CeO_{2-δ} oxides on the physico-chemical properties of conducting polyaniline/CeO₂ composites**. Electrochim. Acta 306 (2019) 506-515.
3. I. Radisavljević, **B. Kuzmanović**, N. Novaković, H.-E. Mahnke, L.J. Vulićević, S. Kurko, N. Ivanović. **Structural stability and local electronic properties of some EC synthesized magnetite nanopowders**. Journal of Alloys and Compounds 697 (2017) 409-416.
4. Vladimir Dodevski, Marija Stojmenović, Milica Vujković, Jugoslav Krstić, Sanja Krstić, Danica Bajuk-Bogdanović, **Bojana Kuzmanović**, Branka Kaluđerović, Slavko Mentus. **Complex insight into the charge storage behavior of active carbons obtained by carbonization of the plane tree seed**, Electrochimica Acta 222 (2016) 156–171.

Congresses and conferences attended -last 3 years

2018 – 3rd International conferences of materials for energy storage and conversion, Belgrade 10-12.09.2018.